Roll No. ....

Total No. of Questions : 13]   [Total No. of Pages : 02

J-3672[S-1528]   [2037]

BCA (Semester - 1ˢᵗ)
INTRODUCTION TO INFORMATION TECHNOLOGY
(BCA - 101)

Time : 03 Hours   **Maximum Marks : 75**

Instruction to Candidates:

   1)   Section-A is **compulsory**.

   2)   Attempt any **Nine** questions from Section-B.

Section - A

Q1)   *(15 × 2 = 30)*

   a)   What is the difference between data and information?

   b)   Explain with example procedure to convert binary number to digital number.

   c)   List two devices which can be used as input as well as output device.

   d)   How can one write-protect 5¼ inch floppy?

   e)   List the types of computers.

   f)   What do you understand by spooling?

   g)   What is a time-sharing system?

   h)   Define multiprocessing.

   i)   Differentiate between SRAM and DRAM.

   j)   Why is ROM necessary?

   k)   What is a single user system??

   l)   If on the DOS prompt, XYZ is typed and on the disk(say C:\>), there are three files XYZ.COM, XYZ.EXE and XYZ.BAT. Which of the three files will be executed? Why?

   m)   What is booting?

   n)   List four facilities provided by Internet through WWW?

   o)   Define the term FAX.

P.T.O.

Section - B

(9 × 5 = 45)

Q2) Explain the working of computer with block diagram.

Q3) Explain the working of laser printer in detail.

Q4) Discuss the advantages and disadvantages of floppy disks.

Q5) Compare the working of mouse with keyboard. Discuss the different mouse operations.

Q6) Compare primary memories with secondary memories.

Q7) What is an operating system? Explain its functions.

Q8) Explain batch processing and multiprogramming.

Q9) Write short note on ROM.

Q10) What are the differences between internal commands and external commands in DOS? Give three examples of each type with syntax.

Q11) Explain various features of DOS.

Q12) Discuss applications of computers in Defense and Industry.

Q13) What are the disadvantages of networking? Explain briefly E-mail.

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